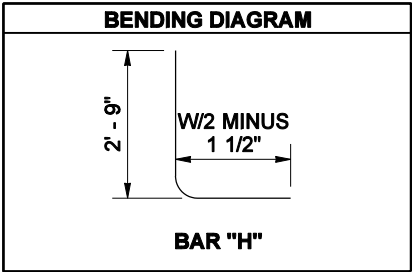


WALL HT H	TYPE 9A						TYPE 9B						TYPE 9C						TYPE 9D						WALL HT H
	W	BARS "A"&"F"	t	BAR "B"	SPIRAL BAR "G"	BARS "D"&"H"	W	BARS "A"&"F"	t	BAR "B"	SPIRAL BAR "G"	BARS "D"&"H"	W	BARS "A"&"F"	t	BAR "B"	SPIRAL BAR "G"	BARS "D"&"H"	W	BARS "A"&"F"	t	BAR "B"	SPIRAL BAR "G"	BARS D & H	
6' - 0"	2' - 0"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 15"	2' - 3"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 12"	2' - 0"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 15"	2' - 6"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 11"	6' - 0"
8' - 0"	2' - 3"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 12"	2' - 9"	3 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 15"	2' - 6"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 10"	3' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 12"	8' - 0"
10' - 0"	2' - 6"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 9"	3' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 10"	2' - 9"	3 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 12"	3' - 6"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 10"	10' - 0"
12' - 0"	3' - 0"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 12"	3' - 9"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 10"	3' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 10"	4' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 3/4"	#5 @ 12"	12' - 0"
14' - 0"	3' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 10"	4' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 3/4"	#5 @ 11"	3' - 9"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 9"	4' - 9"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 3/4"	#5 @ 8"	14' - 0"
16' - 0"	3' - 9"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 9"	4' - 9"	5 ~ #4	5"	#4 @ 18"	W4.0 @ 2"	#6 @ 12"	4' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 3/4"	#5 @ 11"	5' - 6"	5 ~ #4	5"	#4 @ 18"	W4.0 @ 2"	#6 @ 9"	16' - 0"
18' - 0"	4' - 0"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 3/4"	#5 @ 11"	5' - 3"	5 ~ #4	5"	#4 @ 18"	W4.0 @ 2"	#6 @ 9"	4' - 6"	5 ~ #4	5"	#4 @ 18"	W4.0 @ 2"	#6 @ 12"	6' - 0"	5 ~ #4	6"	#4 @ 18"	W4.0 @ 2"	#6 @ 9"	18' - 0"
20' - 0"	5' - 0"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 1/2"	#5 @ 9"	6' - 0"	5 ~ #4	6"	#4 @ 18"	W4.0 @ 2"	#6 @ 9"	5' - 3"	5 ~ #4	5"	#4 @ 18"	W4.0 @ 2"	#6 @ 10"	6' - 6"	6 ~ #4	6"	#4 @ 12"	W4.0 @ 1 3/4"	#6 @ 7"	20' - 0"
22' - 0"	5' - 6"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 1/2"	#5 @ 7"	6' - 3"	5 ~ #4	6"	#4 @ 12"	W4.0 @ 1 3/4"	#6 @ 8"	5' - 9"	5 ~ #4	6"	#4 @ 18"	W4.0 @ 2"	#6 @ 9"	7' - 0"	6 ~ #4	7"	#4 @ 12"	W4.0 @ 1 3/4"	#6 @ 7"	22' - 0"
24' - 0"	6' - 0"	5 ~ #4	5"	#4 @ 15"	W3.0 @ 1 1/2"	#5 @ 6"	6' - 9"	5 ~ #4	7"	#4 @ 11"	W4.0 @ 1 3/4"	#6 @ 8"	6' - 3"	5 ~ #4	6"	#4 @ 12"	W4.0 @ 1 3/4"	#6 @ 8"	7' - 6"	6 ~ #4	7"	#4 @ 15"	W4.0 @ 1 1/2"	#6 @ 6"	24' - 0"

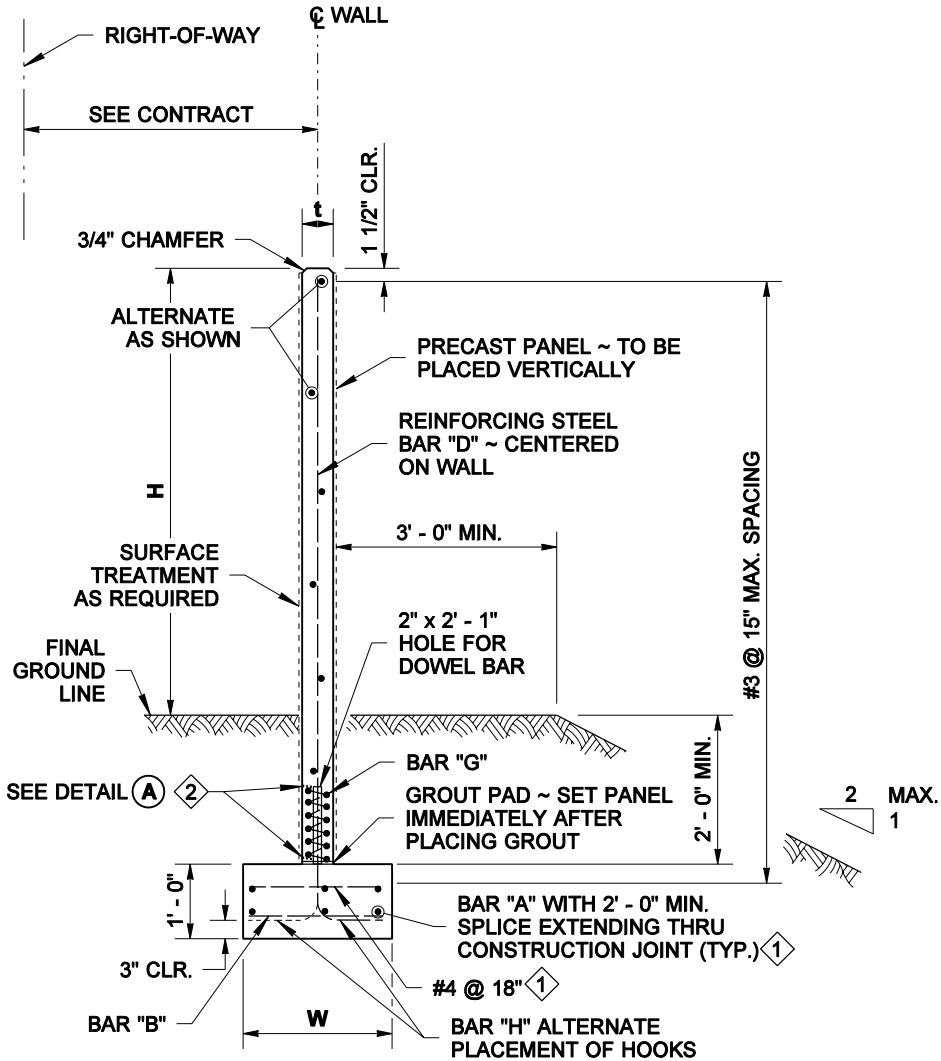
t = WALL THICKNESS

WIND EXPOSURE & VELOCITY		
NOISE BARRIER TYPE	WIND EXPOSURE	WIND VELOCITY (MPH)
9A	B1	80
9B	B1	90
9C	B2	80
9D	B2	90



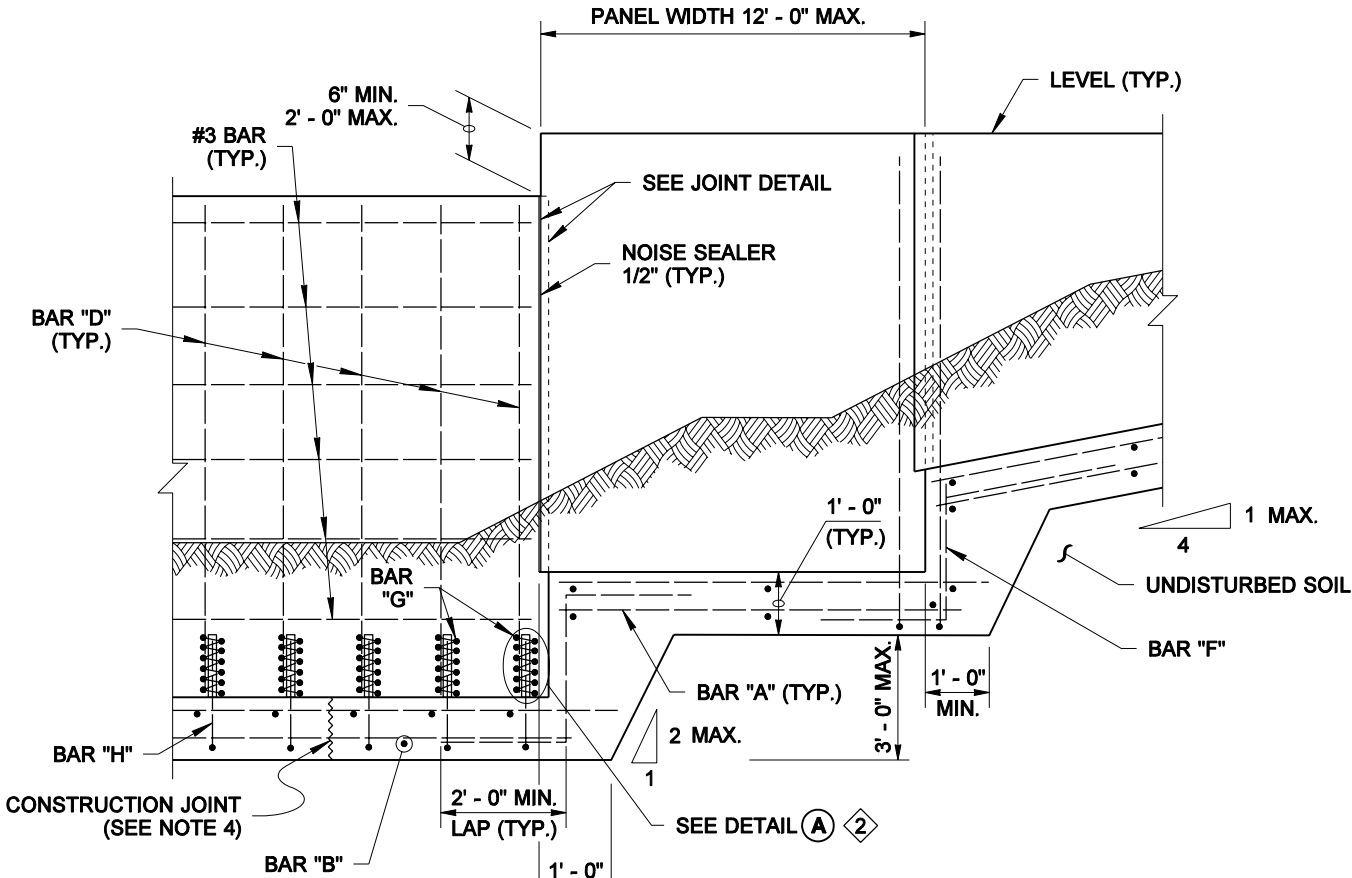
NOTES

- Wall to be designated Noise Barrier Wall Type 9A, 9B, 9C or 9D. The Contract specifies actual wall designation.
- For intermediate wall heights, use the next higher H.
- Panels shall have at least 3' - 0" of level ground on each side.
- Construction joints in the footing shall be spaced at 120 feet maximum.
- All joints shall be in full contact and sealed.



TYPICAL SECTION

1 REQUIRED FOR WALL HEIGHT 24' - 0" ~ TYPE 9C, WALLS 22' - 0" & 24' - 0" ~ TYPE 9B & WALLS 20' - 0", 22' - 0" & 24' - 0" ~ TYPE 9D.



ELEVATION

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

PRECAST CONCRETE WALL ON SPREAD FOOTING



EXPIRES AUGUST 23, 2006

NOISE BARRIER WALL TYPE 9
STANDARD PLAN D-2.32-00

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

Harold J. Peterfeso

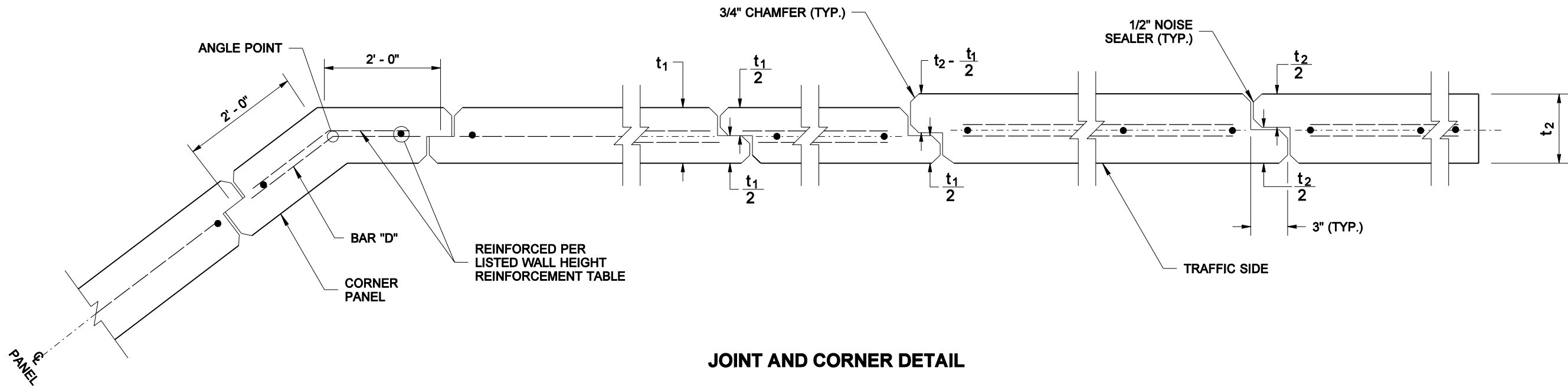
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STATE DESIGN ENGINEER

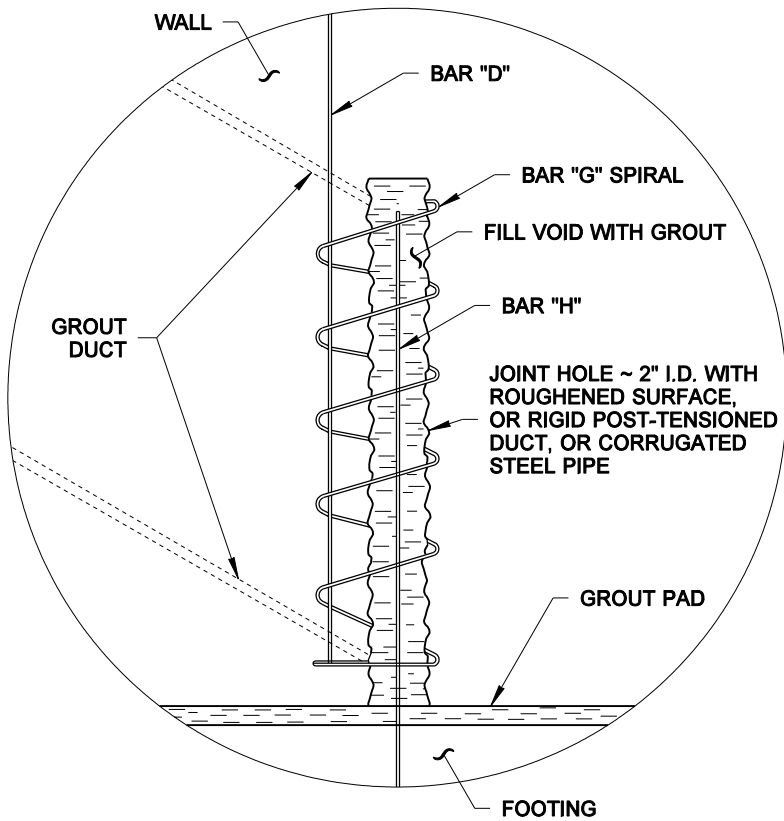
DATE



Washington State Department of Transportation

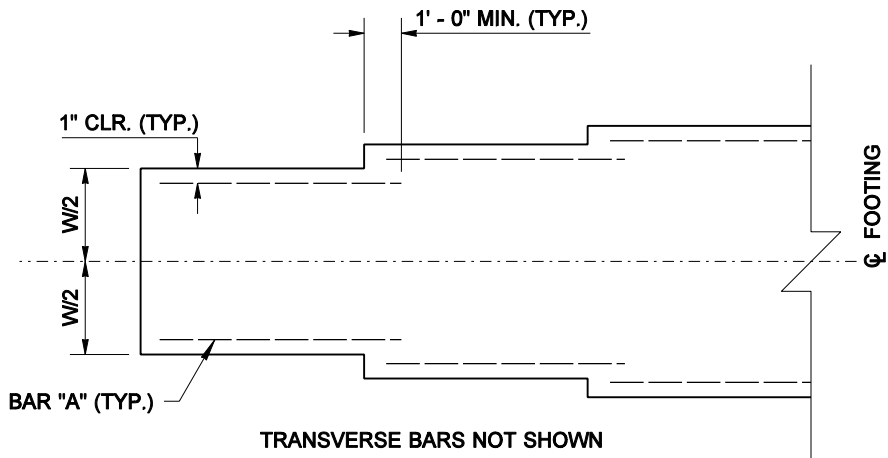


JOINT AND CORNER DETAIL



2 FILL THE JOINT HOLE WITH GROUT USING DUCTS. DUCTS SHALL BE LOCATED ON PANEL FACE OPPOSITE TRAFFIC

DETAIL A



FOOTING WIDTH TRANSITION DETAIL
FOR LOCATIONS WITHOUT FOOTING STEP

PRECAST CONCRETE WALL
ON SPREAD FOOTING



EXPIRES AUGUST 23, 2006

NOISE BARRIER WALL
TYPE 9

STANDARD PLAN D-2.32-00

SHEET 2 OF 2 SHEETS

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11-10-05

STATE DESIGN ENGINEER

DATE



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